SIGNAL RECEIVING UNIT 120

SIGNAL TRANSMITTING UNIT 110

Pa
R — 140
Pb
200
130a
130b
S

FIG. 1
(Prior Art)

130a

$Z_0 = R/2$

Pa

↓

R — 140

$Z_0 = R/2$

Pb

130b

STATE "SOa" : Va > Vb

FIG. 2a
(Prior Art)

$Z_0 = R/2$

Pa

↑

R — 140

$Z_0 = R/2$

Pb
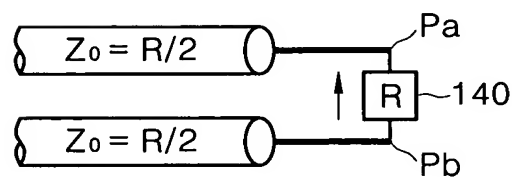
STATE "SOb" : Vb > Va

FIG. 2b
(Prior Art)

FIG. 3

330a

$Z_0 = R/3$

Pa

R — 340a

330b

$Z_0 = R/3$

Pb

R — 340c

R — 340b

330c

$Z_0 = R/3$

Pc

STATE "SNa" : Vc > Vb > Va

FIG. 4a

330a

$Z_0 = R/3$

Pa

R — 340a

330b

$Z_0 = R/3$

Pb

R — 340c

R — 340b

330c

$Z_0 = R/3$

Pc
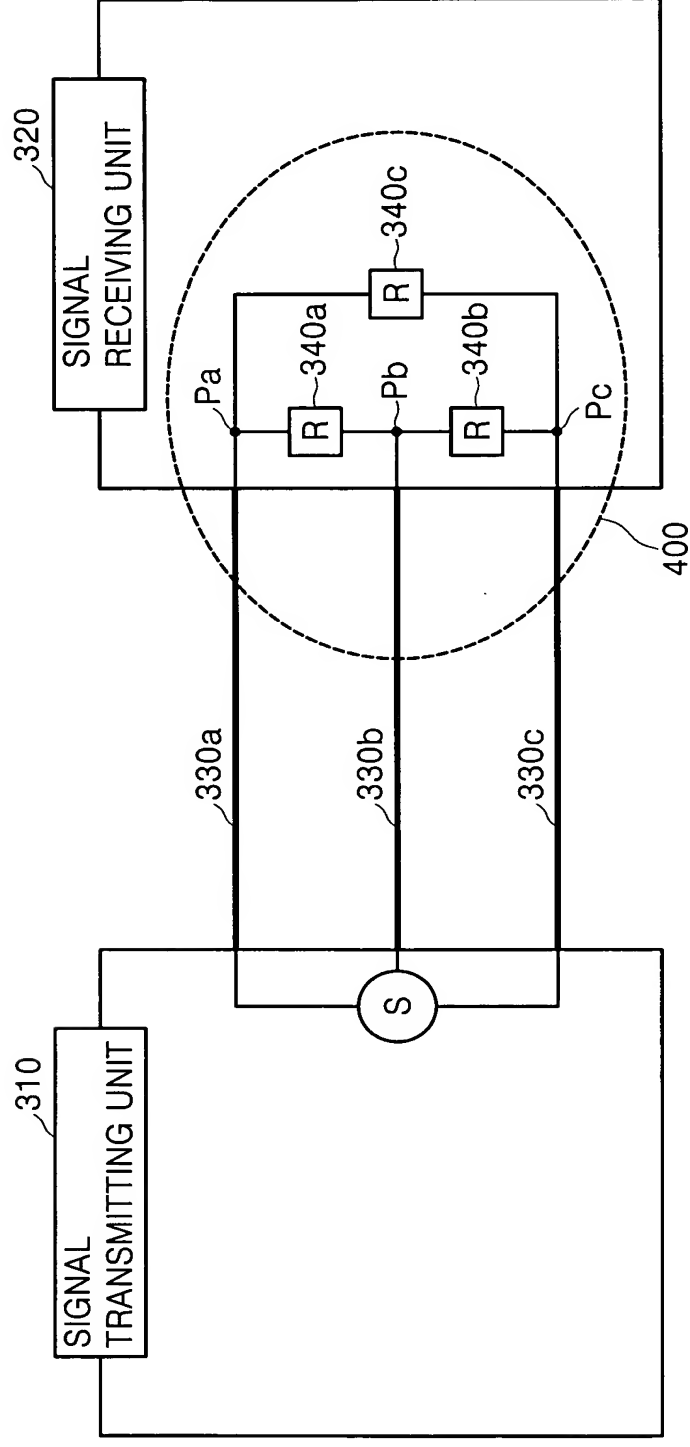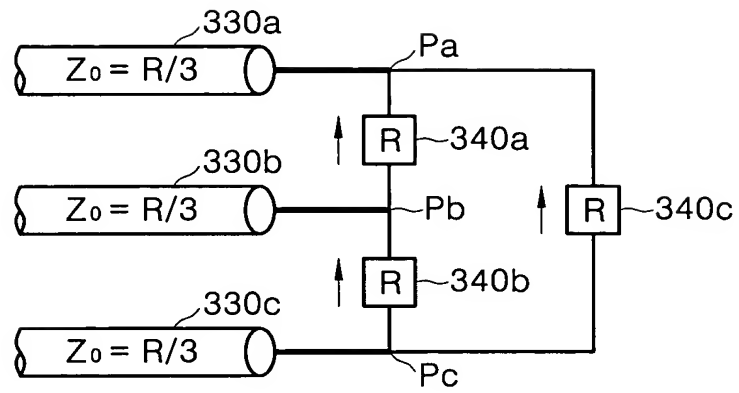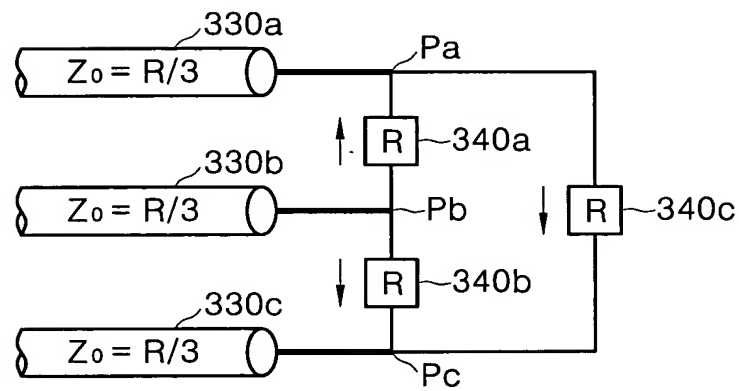
STATE "SNb" : Vb > Va > Vc

FIG. 4b
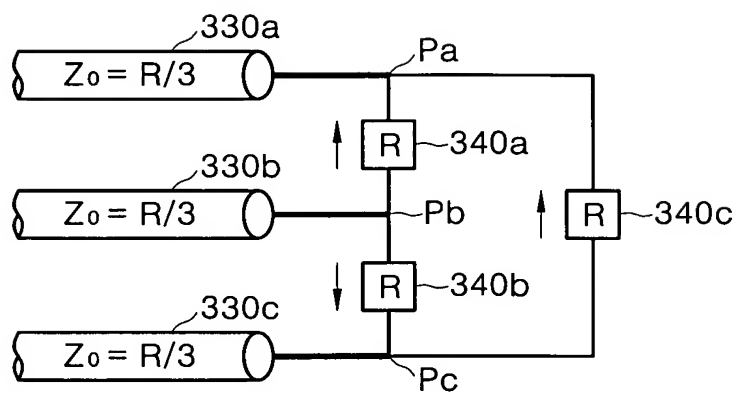
STATE "SNc" : Vb > Vc > Va

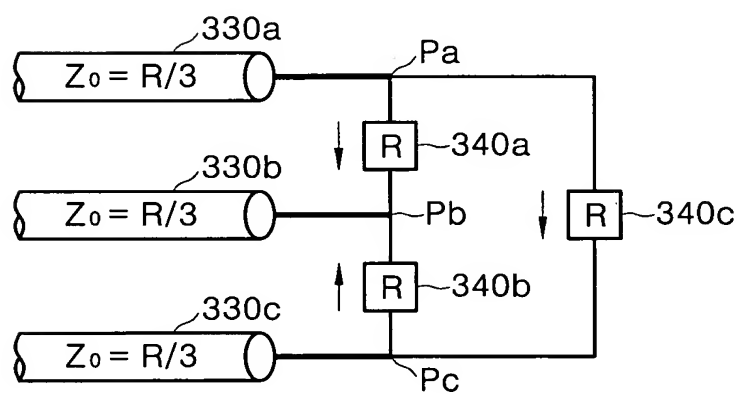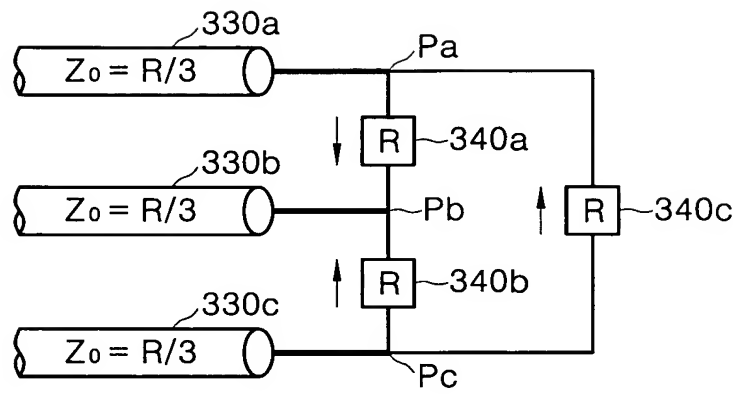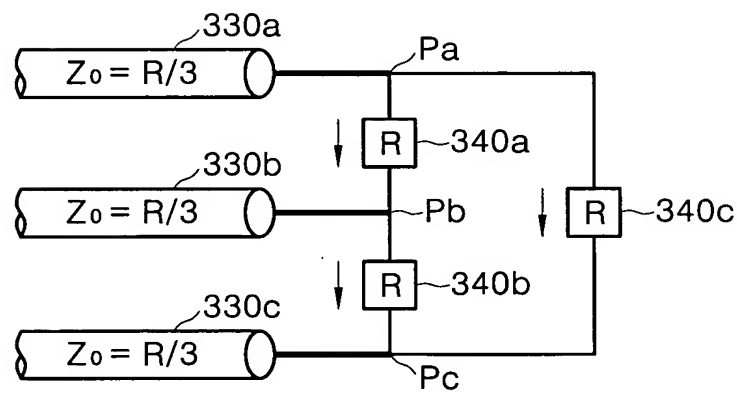# FIG. 4c

STATE "SNd" : Va > Vc > Vb

FIG. 4d

STATE "SNe" : Vc > Va > Vb

FIG. 4e

STATE "SNf" : Va > Vb > Vc

FIG. 4f

FIRST DATA GROUP

상태	Va > Vb	Vb > Vc	Vc > Va
SNa	0	0	1
SNb	0	1	0
SNc	0	1	1
SNd	1	0	0
SNe	1	0	1
SNf	1	1	0

$\times$

SECOND DATA GROUP

상태	Va > Vb	Vb > Vc	Vc > Va
SNa	0	0	1
SNb	0	1	0
SNc	0	1	1
SNd	1	0	0
SNe	1	0	1
SNf	1	1	0

FIG. 5